

KitchenAid®

**MICROWAVE
OVEN**

**1.3 CU. FT. COUNTERTOP
MICROWAVE OVEN**

MODEL KCMS132S

USE & CARE GUIDE

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BEFORE YOU INSTALL YOUR MICROWAVE OVEN

Read and carefully follow the "INSTALLATION INSTRUCTIONS" found on page 25 of this "Use & Care Guide."

BEFORE YOU USE YOUR MICROWAVE OVEN

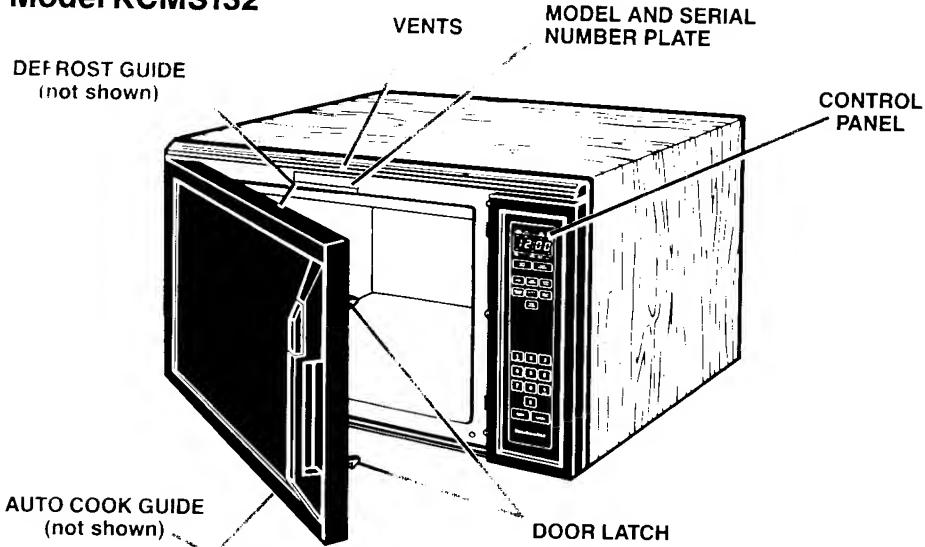
Read this "Use & Care Guide" carefully for important use and safety information. Store in a convenient place for future use.

It is your personal responsibility and obligation to be sure your microwave oven:

- Has been installed where it is protected from the elements. **The microwave oven should be at a temperature above 50°F (10°C) for proper operation.**
- Has been installed on a surface strong enough to support its weight.
- Has been properly connected to electrical supply and grounded. (See "Installation Instructions.")
- Is not used by children or anyone unable to operate it properly.
- Is properly maintained.
- Is used only for jobs expected of a home microwave oven.

PARTS AND FEATURES

Model KCMS132



Copy Your Model and Serial Numbers Here...

If you need service or call with a question, have this information ready:

- 1. Complete** Model and Serial Numbers (from the plate just behind the microwave oven door on the oven frame).
- 2. Purchase date from sales slip.**
Copy this information in these spaces. Keep this book, your warranty and sales slip together in a handy place. **Please complete and mail the Owner Registration Card furnished with this product.**

Model Number

Serial Number

Purchase Date

Service Company Phone Number

Fill out and return the "Microwave Registration Card" included with your oven. If the card is missing, please send the model number of your microwave oven with your name and address to...

KitchenAid, Inc.
P.O. Box 558
St. Joseph, MI 49085-0558

This information will help us reach you if there is ever a need to pass along information about your microwave oven.

PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY...

DO NOT attempt to operate this oven with the door open since open-door operation can result in harmful exposure to microwave energy. It is important not to defeat or tamper with the safety interlocks.

DO NOT place any object between the oven front face and the door or allow soil or cleaner residue to accumulate on sealing surfaces.

DO NOT operate the oven if it is damaged. It is particularly important that the oven door close properly and that there is no damage to the
(1) Door (bent).

(2) Hinges and latches (broken or loosened).

(3) Door seals and sealing surfaces.

DO NOT operate the microwave oven if the door window is broken. The microwave oven should be checked for microwave leakage by qualified service personnel after a repair is made.

The oven should not be adjusted or repaired by anyone except properly qualified service personnel.

DO NOT operate the microwave oven with the outer cabinet removed.

IMPORTANT SAFETY INSTRUCTIONS

Microwave ovens have been used successfully in homes for a number of years. They are thoroughly tested for safe and efficient operation. However, as with any appliance, there are special installation and safety precautions which must be followed to ensure safe and satisfactory operation and prevent damage to the unit.

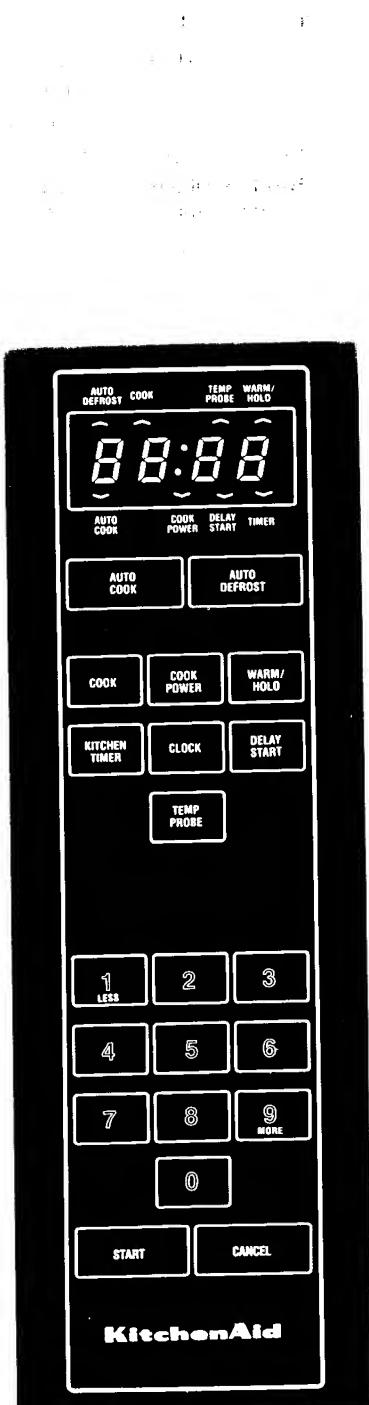
WARNING – To reduce the risk of burns, electric shock, fire, injury to persons or exposure to excessive microwave energy:

1. Read all instructions before using appliance.
2. Read and follow the specific "**PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY**" found above.
3. This appliance must be grounded. Connect only to properly grounded outlet. See "**GROUNDING INSTRUCTIONS**" found on page 26.
4. Install or locate this appliance only in accordance with the provided **INSTALLATION INSTRUCTIONS**" found on page 25.

5. Some products such as whole eggs and sealed containers – for example, closed glass jars – may explode and should not be heated in this oven.
6. Use this appliance only for its intended use as described in this manual.
7. As with any appliance, close supervision is necessary when used by children.
8. Do not operate this appliance if it has a damaged cord or plug, if it is not working properly, or if it has been damaged or dropped. Electric shock, fire or other hazards may result.
9. This appliance should be serviced only by qualified service personnel. Call a KitchenAid dealer or servicer for examination, repair or adjustment.
10. Do not cover or block any opening on the appliance, for fire may result.
11. Do not use outdoors for damage to the oven or electric shock may result.
12. Do not immerse cord or plug in water for electric shock may result.
13. Keep cord away from heated surfaces for electric shock may result.
14. Do not let cord hang over edge of table or counter for electric shock may result.
15. Follow interior and door surface cleaning instructions on page 28.
16. To reduce the risk of fire or fire in the oven cavity:
 - a. Do not overcook food. Carefully attend appliance if paper, plastic, or other combustible materials are placed inside the oven to facilitate cooking. Paper can char or burn, and some plastics can melt if used when heating foods.
 - b. Test dinnerware or cookware before using. See page 32. Some dishes (melamine, Centura,[®] etc.) absorb microwave energy, becoming too hot to handle and slowing cooking times. Remove wire twist-ties from paper or plastic bags before placing bag in oven. Cooking in metal containers can damage the oven. So can containers with hidden metal (twist-ties, foil lining, staples, metallic glaze or trim.)
 - c. If materials inside the oven should ignite, keep oven door closed, turn oven off, and disconnect the power cord, or shut off power at the fuse or circuit breaker panel.
17. Read and follow "**OPERATING SAFETY PRECAUTIONS**" starting on page 30.

SAVE THESE INSTRUCTIONS

Microwave oven controls



The digital display shows the time of day or temperature. It also lets you know what the microwave oven is doing.

Indicator lights tell you when the microwave oven is working.

Digital display/clock and indicator lights



When you are not using the microwave oven, the digital display will show the time and indicator lights will tell you what the microwave oven is doing.

Command pads



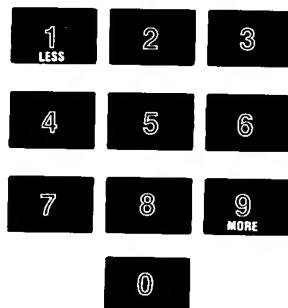
Touch Command Pads to tell the microwave oven what to do during cooking.

- CLOCK tells the oven you are going to set the clock.
- START tells the oven to start. See next column for information on the tone you hear when touching any pad.

Each Command Pad, (except START, CANCEL and CLOCK) lights an Indicator Light on the digital display. The Indicator Light comes on when you touch the Command Pad.

While the oven is running, an Indicator Light (or lights) will be on to show what the oven is doing.

Number pads



Once you've touched a Command Pad to tell the oven what you want it to do, you'll touch Number Pads to tell it...

- a time,
- a Cook Power,
- a food temperature,
- a food setting.

Programming tone

Each time you touch a pad you will hear a tone. If you don't hear a tone, it is because the instruction is not correct, or because the tones have been removed.

EXAMPLE: If you touch a Number Pad before you touch a Command Pad, you will not hear a tone. The instruction is not correct.

If you want to remove the programming tone:

- Open the door.
- Touch CANCEL **twice**, then touch START.
- The tone will not sound for any touch.

If you want to replace the programming tone:

- Open the door.
- Touch CANCEL **twice**, then touch START.
- The tone will sound for any correct touch.

If you want to remove all tones, except the minute timer signal:

- Open the door.
- Touch CANCEL **twice**, touch 0, then touch START.
- All audible tones will be cancelled.
- **To replace the tones**, repeat the above steps.

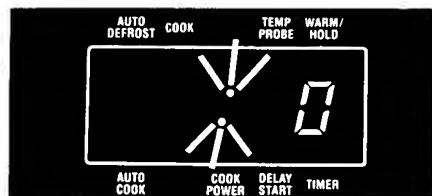
Setting the clock

When the oven is first plugged in, a tone sounds and the display shows **88:88**. If the electric power ever goes off, the display will again show all 8's when the power comes back on.

You can cook or use the Kitchen Timer without setting the clock, but the display will be blank after cooking, however DELAY START will not work unless the clock is set.



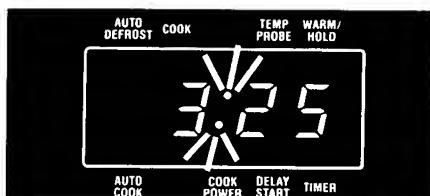
1. Touch CLOCK.



The Display will show a "0" and the colon will start to flash. **The first Number Pad must be touched within 5 seconds or the Display will go blank.** Touch CLOCK again and continue.



2. Touch Number Pads for the correct time of day.



The Display will show what numbers you touched **in the order you touched them.** This example shows 3:25.



3. Touch START.



The colon will stop flashing. The Clock is set.



If you have touched in an incorrect time, such as 12:65, "Err" will show on the Display. Touch CLOCK and start over.

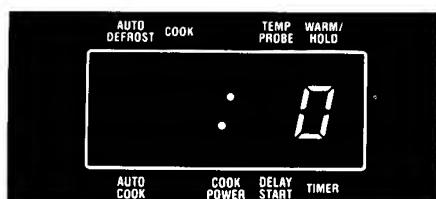
NOTE: To reset the clock, touch CLOCK. The current time will show on the Display and the colon will flash. Continue to set the clock as shown above.

Using the Kitchen Timer

The Kitchen Timer does not start or stop cooking. It can be used alone or while the oven is operating. It works like a separate kitchen timer.



1. Touch Kitchen Timer.



The Timer Indicator Light will come on and the Display will show a "0." **The first Number Pad must be touched within 5 seconds or the Display will again show the time of day.** Touch KITCHEN TIMER again and continue.



2. Touch Number Pads for minutes and seconds.



The Display will show what numbers you touched **in the order you touched them.** This example shows 1 minute, 45 seconds.



3. Touch START.



The TIMER Indicator Light will stay on to show that the Kitchen Timer is running.

The Display counts down the seconds to show how much time is left on the Minute Timer.

When the set time is up, a 3 second signal will sound and the Display will show the time of day.

Changing the Kitchen Timer

- Touch KITCHEN TIMER.
- Touch numbers to set new time.
- Touch START.

New instructions cancel the old ones.

Cancelling the Kitchen Timer:

- Touch KITCHEN TIMER.
- Touch CANCEL. **NOTE:** Touch KITCHEN TIMER before touching CANCEL to cancel just the Kitchen Timer. **If CANCEL is touched first, all cooking instructions will be cancelled and the Kitchen Timer will continue to operate.**

The Kitchen Timer can be set to time other activities while the oven is operating in any other cycle. The Display will count down the time of the cycle in operation. The Kitchen Time will continue to count down, but will not show on the Display. When the time is up, a 3 second signal will sound.

Opening the oven door does not stop the Kitchen Timer countdown; however, it does stop any cooking or defrosting. Close the door and touch START to continue cooking or defrosting.

Cooking in your microwave oven

Be sure to read the **MICRO MENUS® Cookbook** packed with the microwave oven. It contains information about:

- What microwave energy is.
- How food is cooked by microwave energy.
- What affects cooking speed and cooking evenness.
- Safety tips.
- Utensils to use when cooking in a microwave oven.
- Cooking times for different foods.

Important things to remember to get the best cooking results.

- ALWAYS cook food for the minimum recommended cooking time. If necessary, add time in one or two minute periods, then check for doneness to avoid overcooking the food.
- Stir, turn or rearrange the food being cooked about halfway through the cooking time for most even doneness with all recipes.
- If a glass cover is not available, use wax paper, paper towels or microwave approved plastic wrap. Turn back a corner to vent steam during cooking.

Using "AUTO COOK"

The AUTO COOK control allows you to cook food in the oven without computing time or cook power. All foods give off moisture, aroma and other vapors as they cook. When the oven senses the right amount of vapor from the food, it will automatically determine the remaining time and power needed to finish cooking the food. You only need to touch AUTO COOK and a number pad (for a food setting), then START. If you like your food less done than average you

may decrease the cooking time by touching the "LESS" (Number 1) Pad after selecting the category (before touching START). If you like your food more done than average, touch the "MORE" (Number 9) Pad after selecting the category (before touching START) to extend the time. You may add ingredients, stir, turn or rotate during the **timed** portion of the Auto Cook cycle. However, "Err" will show on the Display if the door is opened during the first (automatic) part of the Auto Cook cycle. If this happens, open the door and touch CANCEL. To finish cooking, estimate the remaining time and reset the oven using the Cook cycle. **Do not reset the Auto Cook.** See the AUTO COOK chart included with your oven and the AUTO COOK guide on the inner door panel for examples of food to cook at each setting.

1. Put food in the oven and close the door.

AUTO
COOK

2. Touch AUTO COOK.



The AUTO COOK Indicator Light will come on and the Display will show "AC-".

3. Touch a Number Pad (1-9) for the cooking category you want. (See guide on inner door panel and separate AUTO COOK chart.)



The Display will show the AUTO COOK setting you touched. This example shows you selected category 2.



4. Touch START.



The oven automatically cooks at a preset Cook Power for that setting. The AUTO COOK Indicator Light will stay on to show that the oven is cooking the food. **Do not open the oven door during this part of the cycle.**

BEEP BEEP

When you hear 2 beeps, the Display will show and count down the remaining cooking time. The oven door can now be opened, if needed.

End

BEEP BEEP BEEP BEEP

When the cooking time ends, "End" will show on the Display and 4 beeps will sound. (You can stop the beeping by opening the door or by touching CANCEL) "End" will remain on the Display and a beep will sound every 30 seconds (to remind you that food is left in the oven) until the door is opened or CANCEL is touched. The Display will then show the time of day.

AUTO COOK operating hints

- All AUTO COOK cooking categories have preset Cook Powers.
- The COOK POWER Indicator Light does not come on during AUTO COOK.
- No Cook or Temperature cycles can be used with AUTO COOK.
- Delay Start may be used with AUTO COOK.
- Auto Defrost and Warm/Hold may be used with AUTO COOK.
- "AC-(#)" will show on the Display until the oven calculates and counts down the remaining cooking time, except "AC-1" which stops after the first part of the cooking cycle.
- "Err" will show on the Display if the door is opened during the first part of AUTO COOK. "Err" will also show on the Display if AUTO COOK malfunctions. Open the door and touch CANCEL to clear the Display. **Do not reset AUTO COOK.** The food may over or

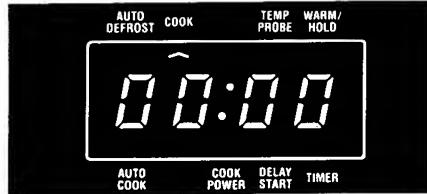
under cook. To finish cooking food, estimate the remaining cooking time. Reset the oven using the COOK cycle and appropriate Cook Power setting.

Cooking at high cook power

1. Put food in the oven and close the door.

COOK

2. Touch COOK.



The COOK Indicator Light will come on and the Display will show four 0's.

1
LESS

3

0

3. Touch Number Pads for the cooking time you want.



The Display will show the numbers you touched **in the order you touched them**. The example shows 1 minute, 30 seconds.

START °

4. Touch START.

The oven will automatically cook at high Cook Power.

The COOK Indicator Light will stay on to show that the oven is cooking.



The Display counts down the time to show how much time is left in the first cycle.



BEEP BEEP BEEP BEEP

When the cooking time ends, "End" will show on the Display and 4 beeps will sound. (You can stop the beeping by opening the door or by touching CANCEL.) "End" will remain on the Display and a beep will sound every 30 seconds (to remind you that food is left in the oven) until the door is opened or CANCEL is touched. The Display will then show the time of day.

Changing the cooking time

Cooking time can be changed any time before touching START or during the cycle:

1. Touch COOK.
2. Touch numbers for the new time.
3. Touch START.

Cook will continue cooking for the new time.

COOK

2. Touch COOK.



The COOK Indicator Light will come on and the Display will show four 0's.

7 3 0

3. Touch Number Pads for the cooking time you want.



The Display will show the numbers you touched **in the order you touched them**. This example shows 7 minutes, 30 seconds.

COOK
POWER

4. Touch COOK POWER.



The COOK POWER Indicator Light will come on and the Display will show "P-HI." This shows the oven is preprogrammed to cook at full (HIGH) power.

1. Put food in the oven and close the door.

5

5. Touch a Number Pad for the Cook Power you want.



The Display will show what you touched. This example shows you touched Number Pad 5 for 50% of full power.

START

6. Touch START.



The COOK and COOK POWER Indicator Lights will stay on to show that the oven is cooking at a Cook Power other than high.

count
down

The Display counts down the time to show how much cooking time is left in the first cycle.



For 2 of every 10 seconds, the Display will show the Cook Power you selected.

End

BEEP BEEP BEEP BEEP

When the cooking time ends, "End" will show on the Display and 4 beeps will sound. (You can stop the beeping by opening the door or by touching CANCEL.) "End" will remain on the Display and a beep will sound every 30 seconds (to remind you that food is left in the oven) until the door is opened or CANCEL is touched. The Display will then show the time of day.

Changing cook power

The **Cook Power** can be changed any time before touching START or during the cycle.

- Touch COOK POWER.
- Touch a number for the new Cook Power.
- Touch START. The cycle will cook at the new Cook Power for the original time.
OR..
- Touch COOK POWER **twice** if you want to change a lower Cook Power to HIGH.
- Touch START.

Defrosting

Use AUTO DEFROST to thaw frozen food before cooking. For suggested defrost times, see the guide behind the oven door or in your cookbook.

- 1. Put frozen food in the oven and close the door.**

AUTO
DEFROST

2. Touch AUTO DEFROST.



The AUTO DEFROST Indicator Light will come on and the Display will show four 0's.

2 3 0

3. Touch Number Pads for the defrosting time you want.



The Display will show the numbers you touched **in the order you touched them**. This example shows 2 minutes, 30 seconds.

START

4. Touch START.



The AUTO DEFROST Indicator Light will stay on to show that the oven is in the Auto Defrost Cycle.

The Display counts down the time to show how much defrosting time is left.



BEEP BEEP BEEP BEEP

When the defrost time ends, "End" will show on the Display and 4 beeps will sound. (You can stop the beeping by opening the door or by touching CANCEL.) "End" will remain on the Display and a beep will sound every 30 seconds (to remind you that food is left in the oven) until the door is opened or CANCEL is touched. The Display will then show the time of day.

Standing time

For best results, allow the food to stand for a while after defrosting. This helps equalize the temperature of the food to provide more even defrosting.

When COOK follows AUTO DEFROST, the oven automatically provides a standing time equal to the time touched in for AUTO DEFROST. COOK will begin after the automatic standing time.

About the "AUTO DEFROST" Cycle

The microwave oven automatically divides the time set for the AUTO DEFROST Cycle into three equal parts:

First part . . . 80% of full Cook Power

Second part 50% of full Cook Power

Third part . . . 20% of full Cook Power

This automatic step-down in Cook Power helps defrost food quickly and completely.

Changing or adding defrost time

You can change the defrosting time any time before or after touching START.

- Touch AUTO DEFROST.
- Touch numbers for new time.
- Touch START.

Any new time setting made while AUTO DEFROST is operating will continue the defrosting at only 20% of full power.

The best time to change the setting is near the end of the AUTO DEFROST Cycle.

- Open the door.
- Check the food with long-tined fork; if center area is hard frozen, set additional time. **Remember that standing time is necessary to complete defrosting.**
- Close the door and touch START to continue the cycle if no additional time is needed.

OR...

- Touch in new instructions for additional defrosting time.



The AUTO DEFROST Indicator Light will come on and the Display will show four 0's.



3. Touch Number Pads for the defrosting time you want.



The Display will show the numbers you touched **in the order you touched them**. This example shows 2 minutes, 30 seconds.



4. Touch COOK.



The COOK Indicator Light will come on and the Display will show four 0's.



5. Touch Number Pads for the Cooking time you want.



The Display will show the numbers you touched **in the order you touched them**. This example shows 4 minutes, 30 seconds

COOK POWER

6. Touch COOK POWER.
(Options: Skip to 8 if you want to cook at high power.)



The COOK POWER Indicator Light will come on and the Display will show "P-HI." This shows the oven is preprogrammed to cook at full (HIGH) power.

6

7. Touch a Number Pad for the Cook Power you want.



The Display will show what you touched. This example shows you touched Number Pad 6 for 60% of full power.

START

8. Touch START.



When you touch START, the AUTO DEFROST Indicator Light will stay on. All other Indicator Lights will go off. The Display counts down the time to show how much time is left in the defrost cycle.

**count
down**

When the defrost time ends, the microwave oven automatically lets the food stand for the **same amount of time used for defrosting**. The AUTO DEFROST Indicator Light will stay on and the Display counts down the standing time. **During the countdown the oven will be dark and the fan will be off.**

BEEP BEEP

When the standing time is over, you will hear 2 beeps and the cooking cycle will start.



The COOK Indicator Light will be on during the cooking cycle. The COOK

POWER Indicator Light will also be on if you are using a Cook Power other than high.



The Display counts down the time to show how much time is left in the second cycle.



For 2 of every 10 seconds, the Display will show the Cook Power you selected, if you are using a Cook Power other than high.

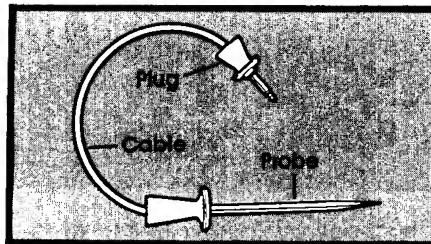


BEEP BEEP BEEP BEEP

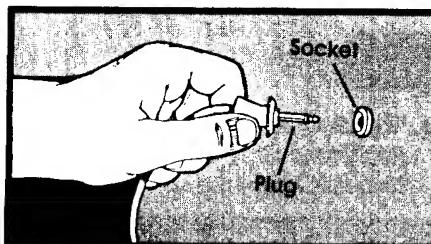
When the Cook cycle ends, "End" will show on the Display and 4 beeps will sound. (You can stop the beeping by opening the door or by touching CANCEL.) "End" will remain on the Display and a beep will sound every 30 seconds (to remind you that food is left in the oven) until the door is opened or CANCEL is touched. The Display will then show the time of day.

Cooking with the TEMPERATURE PROBE

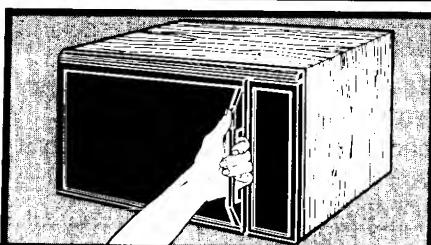
The Temperature Probe helps take the guesswork out of cooking roasts and larger casseroles. The probe is designed to turn off the oven when it senses the temperature you chose. See your Cookbook for helpful information on cooking different types of food.



1. Insert at least 1/3 of the temperature probe into the food.



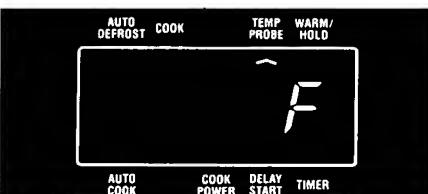
2. Place food in the oven and plug the probe into the socket on the oven wall.



3. Make sure the probe does not touch any part of the oven interior. Close the door.

TEMP
PROBE

4. Touch TEMP PROBE.



The TEMP PROBE Indicator Light will come on and the Display will show "F".

1

4

0

5. Touch Number Pads for the desired final temperature.

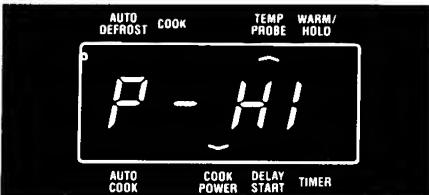


The Display will show the numbers you touched **in the order you touched them**. This example shows a final cooked temperature of about 140°F.

NOTE: "ERR" will be displayed after START is touched if an incorrect temperature has been set (less than 90°F or more than 200°F).

COOK POWER

6. Touch COOK POWER (Option: Touch START if you want to use high power.)



The COOK POWER Indicator Light will come on and the Display will show "P-HI." This shows the oven is preprogrammed to cook at full (HIGH) power.

6

7. Touch the Number Pad for the Cook Power you want.



The Display will show what you touched. This example shows you touched Number Pad 6 for 60% of full power.

START

8. Touch START.



The TEMP PROBE and COOK POWER Indicator Lights will stay on.

The Display will show "COOL" to show the food is less than 90°F. As the food cooks, the Display will show the internal temperature of the food for every 5°F increase.



For 2 of every 10 seconds, the Display will show the Cook Power you selected, if you are using a Cook Power other than high.



BEEP BEEP BEEP BEEP

When the probe senses the temperature you selected, the oven shuts off. "End" will show on the Display and 4 beeps will sound. (You

can stop the beeping by opening the door or by touching CANCEL.) "END" will remain on the Display and a beep will sound every 30 seconds (to remind you that food is left in the oven) until the door is opened or CANCEL is touched. The Display will then show the time of day.

Hints for using the temperature probe

DO...

- use hot pads when removing probe from food or food from oven.
- stir foods during cooking when recommended.
- stir soups, casseroles and drinks before serving.
- cover roasts with foil and let stand a few minutes after cooking. Remove foil if you decide to cook it longer.

DON'T...

- let probe or cable touch any part of the oven interior.
- let probe touch foil (if used). Foil can be kept away from probe with wooden toothpicks. Remove foil if arcing occurs.
- use paper, plastic wrap or plastic containers. They will be in the oven too long.
- use probe in regular oven.
- force probe into frozen food.
- use probe for foods that need to simmer.

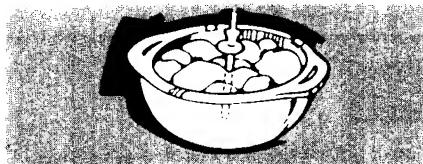
NOTE: Some foods are started using a timed (COOK) cycle and finished by using the temperature (TEMP PROBE) cycle. You can set TEMP PROBE to follow COOK to avoid the need to reset the oven halfway through the cycle. TEMP PROBE can be programmed with the temperature probe out. The oven will pause between COOK and

PROBE TEMP. "PROB" will show on the Display to remind you to plug in the probe.

Changing the temperature setting

- When using the Temperature Probe, TEMP PROBE settings can be changed before or during operation:
 - Touch TEMP PROBE.
 - Touch number for new temperature.
 - Touch START. The oven will continue cooking at the new temperature. If the new temperature is lower than the temperature of the food, the oven will shut off.

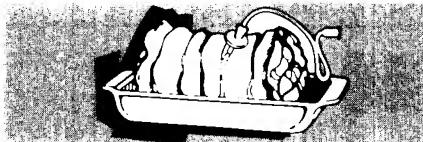
Temperature probe cooking tips



For casseroles, the tip of the probe should be in the center of the food. Stir foods when recommended. Replace the probe.



For liquids, balance the probe on a wooden spoon or spatula so the tip of the probe is in the center of the liquid.



For roasts, the tip of the probe should be in the center of the largest muscle, but not touching fat or bone.

- Casseroles cooked using the Temperature Probe should be made from precooked foods. Do not use raw meats, raw vegetables and cream sauces in casseroles.
- Dry casseroles do not work well.
- Thaw frozen casseroles and meats in the microwave oven before inserting the probe.
- If you are cooking individual servings such as mugs of soup, check the probe setting in several of the items – all the mugs may not heat at the same rate.
- Dry meat loaf mixtures don't work well.
- Remember that roasts may vary in size, shape and composition. Use the timings for minutes per pound as a guide as well as the Temperature Probe.

Cleaning the probe

1. Remove probe from microwave oven using hot pads.
2. Wipe probe with a hot sudsy cloth. Use a plastic scouring pad to remove stubborn foods.
3. Probe may be placed in the silverware basket of the dishwasher.

Using WARM/HOLD

Hot, cooked foods can be safely kept warm in your microwave oven for up to 99 minutes, 99 seconds (about 1 hour, 40 minutes) WARM/HOLD can be used by itself, or it can automatically follow a cooking cycle or TEMP PROBE cycle.

- 1. Put cooked, hot food in oven and close door.**

**WARM/
HOLD**

- 2. Touch WARM/HOLD.**



The WARM/HOLD Indicator Light will come on. The Display will show the time of day.

START

3. Touch START.



The WARM/HOLD Indicator Light will stay on. The Oven light and the fan will come on. The Display will continue to show the time of day.

- WARM/HOLD operates for up to 99 minutes, 99 seconds.
- Opening the oven door cancels WARM/HOLD. Close the door and touch WARM/HOLD, then START if additional WARM/HOLD time is desired.
- Foods cooked covered should be covered during WARM/HOLD.
- Pastry items (pies, turnovers, etc.) should be uncovered during WARM/HOLD.
- Complete meals kept warm on a dinner plate should be covered during WARM/HOLD.
- The use of more than one complete WARM/HOLD (about 1 hour, 40 minutes) is not recommended. The quality of some foods will suffer with extended time.

To automatically follow another cycle

- While you are touching in cooking instructions, touch WARM/HOLD before touching START.
OR...
- After the oven starts operating, touch WARM/HOLD and then START.
- When the last cooking cycle is over you will hear 4 beeps. The WARM/HOLD Indicator Light will come on and the time of day will be displayed while the oven continues to run.
- WARM/HOLD will follow AUTO COOK, AUTO DEFROST, COOK or TEMP PROBE.

Using DELAY START

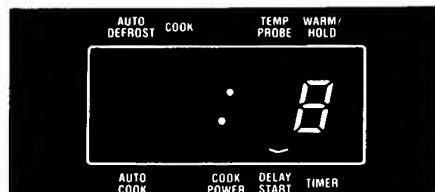
The microwave oven can be set to start automatically at a later time. Use DELAY START to delay the start of cooking for up to 11 hours, 59 minutes.

1. Make sure the clock is set to correct time of day. See page 8 if any change is needed.

2. Put food in oven and close the door. (See CAUTION on page 24.)

DELAY
START

3. Touch DELAY START.



The DELAY START Indicator Light will come on and the Display will show a "0".

5 0 0

4. Touch Number Pads for the time of day you want cooking to start.



The Display will show the numbers you touched in the order you touched them. This example shows 5 o'clock.

COOK

5. Touch COOK.



The COOK Indicator Light will come on and the Display will show four 0's.

8 3 0

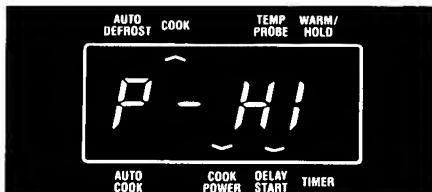
6. Touch Number Pads for the cooking time you want.



The Display will show the numbers you touched **in the order you touched them**. This example shows 8 minutes, 30 seconds.



**7. Touch COOK POWER. (Option:
Skip to step 9 if you want to
use high power.)**



The COOK POWER Indicator Light will come on and the Display will show "P-HI." This shows the oven is preprogrammed to cook at full (HIGH) power.

7

8. Touch a Number Pad for the Cook Power you want.



The Display will show what you touched. This example shows you touched Number Pad 7 for 70% of full power.

START

9. Touch START.



The DELAY START Indicator Light will stay on. All other Indicator Lights will go off. The Display will go back to showing the time of day.



When the time of day reaches the time you have set in DELAY START, the DELAY START Indicator Light will go off, the COOK and COOK POWER Indicator Lights will come on, the cooking time will show on the Display, and the oven will start cooking.

count
down

The Display counts down the time to show how much time is left in COOK.



For 2 of every 10 seconds the Display will show the Cook Power you selected, if you are using a Cook Power other than high.



When the cooking time ends, "End" will show on the Display and 4 beeps will sound. (You can stop the beeping by opening the door or by touching CANCEL.) "End" will remain on the Display and a beep will sound every 30 seconds (to remind you that food is left in the oven) until the door is opened or CANCEL is touched. The Display will then show the time of day.

NOTE: If the oven light and fan come on when you touch START, the Start Time has not been set correctly. Open and close door, reprogram DELAY START time, then touch START.

Additional information

- Additional cycles can be set when using DELAY START. Follow instructions under the proper heading (Using AUTO COOK, Defrosting, Using WARM/HOLD) either before or after you touch START.
- You can change times, or add cycles at any time during the DELAY START cycle.
 1. Touch the Cycle you wish to change or add.
 2. Touch numbers for new time.
 3. Touch COOK POWER, if desired.
 4. Touch number for new Cook Power, or touch COOK POWER again if high is desired.
 5. Touch START.
- Opening the door does not stop Delay Start operation.

CAUTION: Use foods that will not go bad or spoil while waiting for cooking to start. Avoid using with milk or eggs, cream soups, cooked meats, poultry or fish, or any item with baking powder or yeast.

Smoked or frozen meats may be used; so can vegetables, fruits and casserole-type foods.

Any food that has to wait for cooking to start should be very cold or frozen before it is put in the oven. MOST UNFROZEN FOODS SHOULD NEVER STAND AT ROOM TEMPERATURE MORE THAN TWO HOURS BEFORE COOKING STARTS.

Other operating hints

- 1. To double check settings while the oven is running:**
 - Touch the Command Pad for the setting you want to check. The instruction programmed for that pad will show on the display for 5 seconds. Then the display returns to showing what the oven is doing.
- 2. To stop the oven while it is running:**
 - Open the door. The oven will stop. Restart the oven by closing the door and touching START.
 - Touch CANCEL. All instructions will be erased. You must touch in new instructions.
- 3. If you touch two instructions into the same cycle, the second set of instructions will cancel the first.**

Whole meal cooking rack

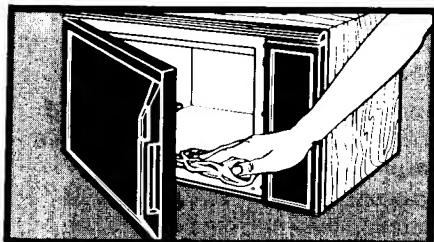
A removable Whole Meal Cooking Rack is available as an accessory kit. This rack lets you cook or reheat foods together as a meal. Ask your dealer for details on...

832985 – Whole Meal Cooking Rack Kit

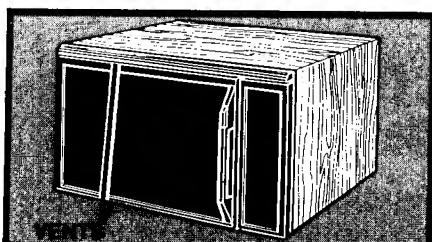
INSTALLATION INSTRUCTIONS

Before you begin, read the following instructions completely and carefully.

Installing your microwave oven

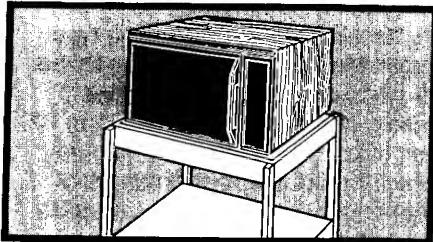


1. Empty the microwave oven and clean inside it with a soft, damp cloth. Check for damage such as misaligned door, damage around the door or dents inside the oven or on the exterior. If there is any damage, **do not** operate the unit until it has been checked by an authorized trained service technician and any repair made.

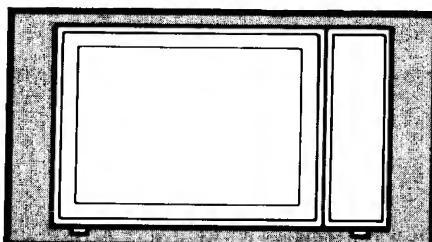


3. Do not block the vent opening at the front of the oven or the air intake opening on the bottom of the oven. Blocking vent or air intake openings can cause poor cooking results.

Make sure the microwave oven legs are in place. Do not set the oven on anything that will block the air intake openings.



2. Put the oven on a cart, counter, table or shelf that is strong enough to hold the oven, the food and the utensils you put in it. (**The control side of the unit is the heavy side. Use care when handling.**) The weight of the oven is approximately 60 lbs. (27 kg).



4. Do not install the oven next to a conventional surface unit or in any area where excessive heat and steam are generated. This could damage the outside of the cabinet.

5. Electrical requirements

Observe all governing codes and ordinances.

A 120 Volt, 60 Hz., AC only, 15 or 20 amp fused electrical supply is required. (Time-delay fuse is recommended.) It is recommended that a separate circuit serving only this appliance be provided.

6. GROUNDING INSTRUCTIONS

WARNING: Improper use of the grounding plug can result in a risk of electrical shock.

DO NOT, UNDER ANY CIRCUMSTANCES, REMOVE THE POWER SUPPLY CORD GROUNDING PRONG.

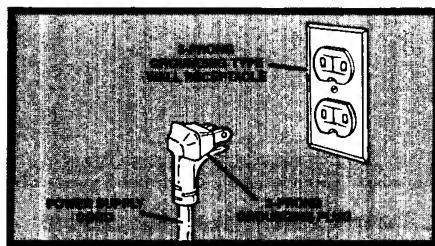
7. For your personal safety, this appliance must be grounded. In the event of an electrical short circuit, grounding reduces the risk of electric shock by providing an escape wire for the electric current. This appliance is equipped with a polarized

3-prong grounding plug. It must be plugged into a correct polarized mating 3-prong grounding type wall receptacle, properly installed and grounded in accordance with the National Electrical Code and local codes and ordinances. If a mating wall receptacle is not available or if you are not sure if the wall receptacle is properly grounded and polarized, have it checked by a qualified electrician.

It is the personal responsibility and obligation of the customer to have a properly grounded and correctly polarized 3-prong wall receptacle installed by a qualified electrician.

Consult a qualified electrician if the grounding instructions are not completely understood, or if doubt exists as to whether the appliance is properly grounded.

It is NOT recommended to use an extension cord with your microwave oven, but if you find it necessary to do so temporarily (until a properly grounded and polarized 3-prong receptacle is installed), use only a heavy duty UL listed 3-wire grounding type extension cord containing three 16-gauge (minimum) copper wires. It must not be longer than 10 feet (cords longer than 10 feet may affect the cooking performance of your microwave oven). The plug on the extension cord must fit into a 3-prong grounding type wall receptacle (as shown on this page) and the receptacle end of the extension cord must accept the 3-prong grounding plug of the microwave oven.





8. Plug the oven into the proper electrical outlet and put about one cup (250 mL) of cold water in a glass container in the oven. Close the door. Make sure it latches. Follow the directions on page 12 to set the oven to COOK for 1½ minutes. When the time is up, the water should be heated.

9. This microwave oven is designed for use in the household only and must not be used for commercial purposes.

DO NOT remove the outer case, door, or control panel at any time. The unit is equipped with high voltage and should not be serviced unless by an authorized KitchenAid trained service technician.

Building in your microwave oven

Your microwave oven is not limited to carts, counters or tables. Custom installations are made easy with kits available from your dealer.

- 1.** Build the microwave oven into a cabinet or wall by itself or over built-in electric single ovens in the KitchenAid KESO, KEBS and KEBI model series.
- 2.** Attach the microwave oven to a wall by itself or with cabinets over it.

Ask your dealer for details on...

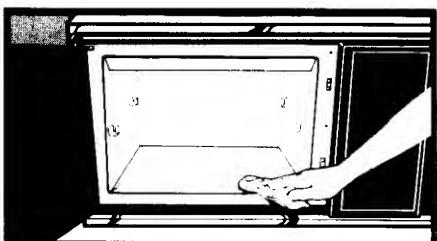
- 832989 – 24-inch Built-in Kit
- 832991 – 27-inch Built-in Kit
- 832987 – 30-inch Built-in Kit
- 832993 – Wall Mounting Kit

Use only approved installation kits. Obtain these kits from your authorized KitchenAid dealer.

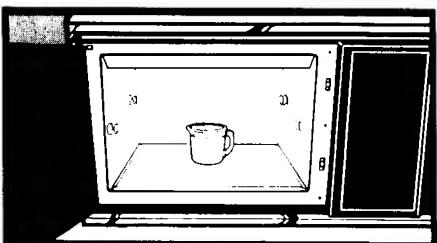
SAVE THESE INSTRUCTIONS

CARING FOR YOUR MICROWAVE OVEN

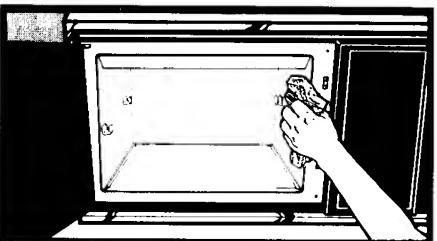
Cleaning the microwave oven



Wipe often with warm sudsy water and a soft cloth or sponge.



For stubborn soil, boil a cup of water in the oven for 2 or 3 minutes. Steam will soften the soil.

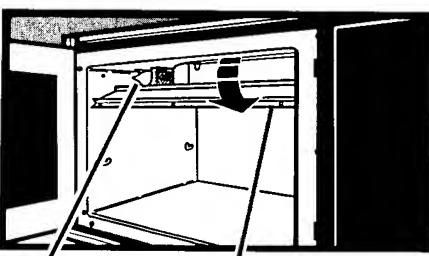


Be sure to clean the areas where the door and oven frame touch when closed. When cleaning surfaces of door and oven that come together on closing the door, use only mild, non-abrasive soaps or detergents applied with a sponge or soft cloth. Rinse well.

CAUTION: Abrasive cleansers, steel wool pads, gritty wash cloths, etc., can damage the control panel, and the interior and exterior oven surfaces. Use a soft cloth or a sponge with a mild detergent or spray glass cleaner.

Replacing the light bulb

The microwave oven light should come on whenever the door is opened or the oven is operating.



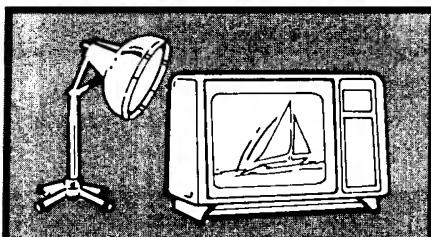
Light Bulb Mode Mixer Cover

To replace:

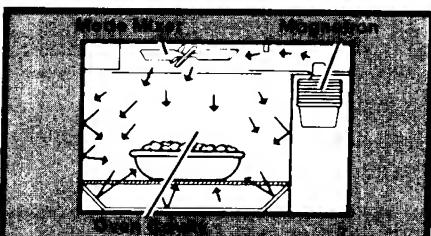
1. Unplug or turn off at fuse box or circuit breaker.
2. Open the oven door.
3. Remove the 3 screws from the front of the cover.
4. Pull down the front portion of the cover. (It is creased across its width to form a hinge.)
5. Remove and replace the 25-watt candelabra-base bulb (#313969). Obtain bulb from your authorized KitchenAid dealer.
6. Close the cover and replace the screws.
7. Plug in or turn on the main power supply.

HOW YOUR MICROWAVE OVEN WORKS

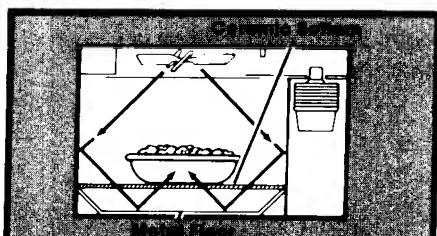
Microwave ovens are safe. Microwave energy is not hot. It causes food to make its own heat, and it's this heat that cooks the food.



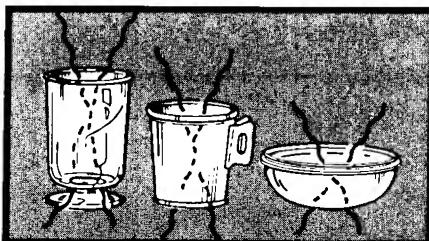
Microwaves are like TV waves or light waves. You can't see them, but you can see what they do.



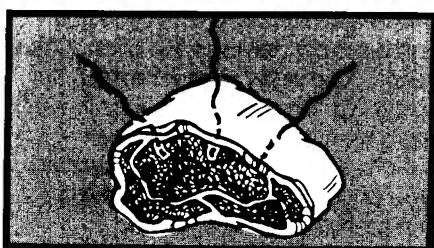
A magnetron in the microwave oven produces microwaves. The microwaves move into the oven where they are scattered or stirred by a mode mixer (like a fan). Microwaves bounce off metal oven walls and are absorbed by food.



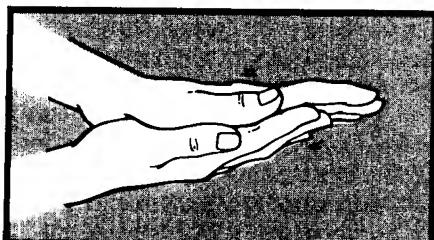
The ceramic bottom of your microwave oven lets microwaves through. Then they bounce off a metal floor, back through the ceramic bottom and are absorbed by the food.



Microwaves pass through glass, paper and plastic without heating them so food absorbs the energy. Microwaves bounce off metal pans so food does not absorb the energy.



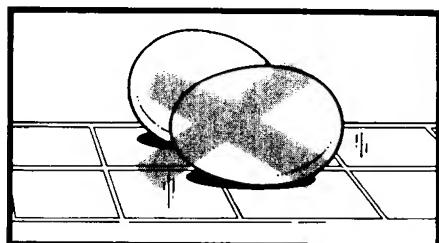
Microwaves may not reach the center of a roast. The heat around the outside is what cooks the roast all the way through. This is one of the reasons for letting some foods (roasts, baked potatoes) stand for a while after cooking, or for stirring some foods during the cooking time.



The microwaves disturb water molecules in the food. As the molecules bounce around bumping into each other, heat is made, like rubbing your hands together. This is the heat that cooks.

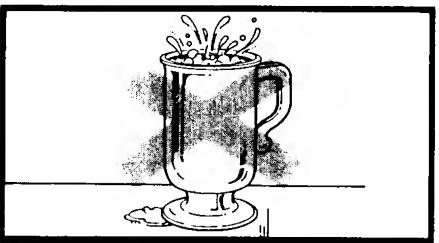
OPERATING SAFETY PRECAUTIONS

WARNING: DO NOT use oven until you have read and understand ALL the information on safe use.

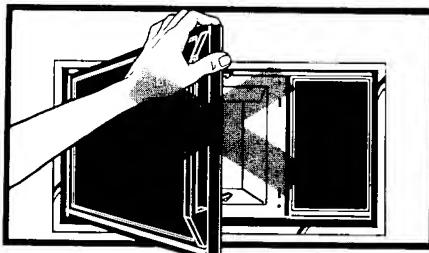


NEVER COOK OR REHEAT A WHOLE EGG.

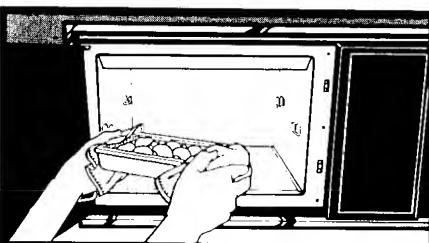
Steam build-up in whole eggs may cause them to burst and burn you, and possibly damage the oven. Slice hard boiled eggs before heating. In rare instances, poached eggs have been known to explode. Cover poached eggs and allow a standing time of one minute before cutting into them.



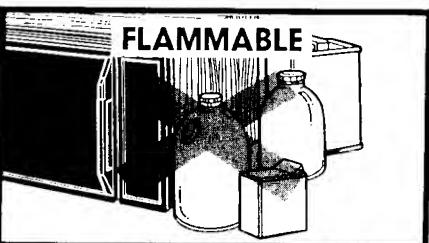
Liquids heated in certain containers (especially cylindrical-shaped containers) may become overheated. The liquid may splash out with a loud noise during or after heating or when adding ingredients (coffee, etc.) resulting in harm to the oven and possible personal injury. For best results stir any liquid several times before heating or reheating.



NEVER lean on the door or allow a child to swing on it when the door is open. Injury could result.

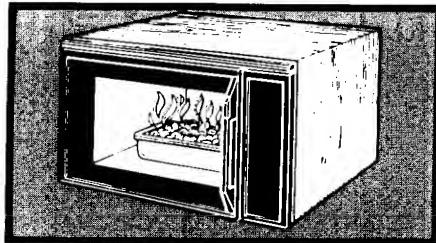


USE HOT PADS. Microwave energy does not heat containers, but the hot food does.



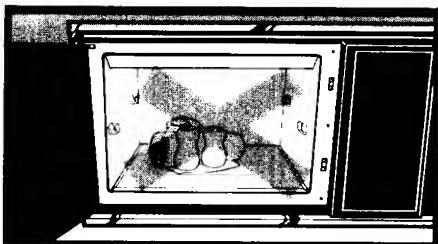
DO NOT heat, store or use flammable or inflammable materials in or near the oven.

DO NOT can foods in the oven. Closed glass jars may explode resulting in damage to the oven or possible personal injury.

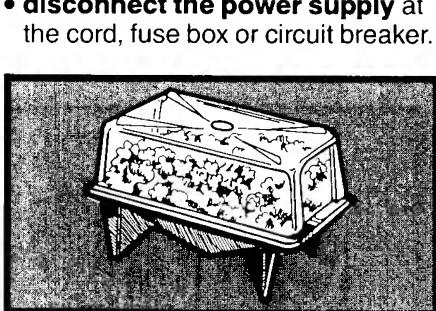


DO NOT use the oven to sterilize objects (baby bottles, etc.). It is difficult to maintain the high temperature required for safe sterilization.

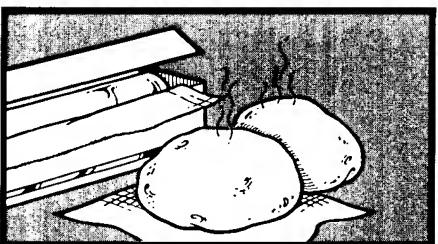
CAUTION: DO NOT use the oven until you have read and understand ALL precautions to prevent damage to the oven.



DO NOT use the oven for storage. Do not leave paper products, books or cooking utensils in the oven when not in use. Fire may result if someone accidentally starts the oven. Don't let anything touch the top of the oven.

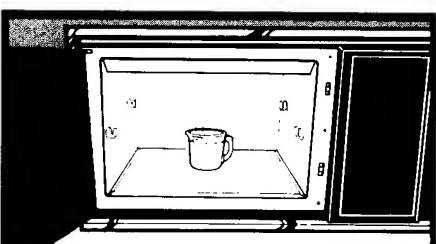


DO NOT pop popcorn, except in a microwave-approved popcorn popper or commercial package designed especially for microwave ovens. Results are the manufacturer's responsibility. **NEVER** try to pop corn in a paper bag. Overcooking may result in smoke and fire.

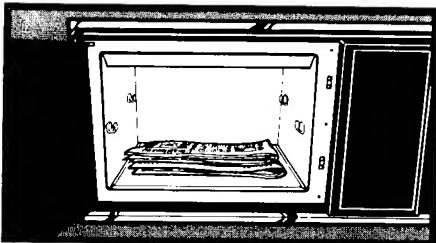


DO NOT OVERCOOK POTATOES.

Fire could result. At the end of the recommended cooking time they should be slightly firm. Wrap in foil and set aside for 5 minutes. They will finish cooking while standing.

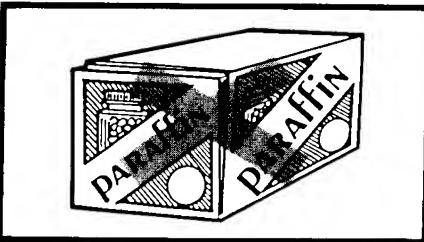


Starting a microwave oven when it's empty is not recommended. If you experiment, put a container of water in the oven.



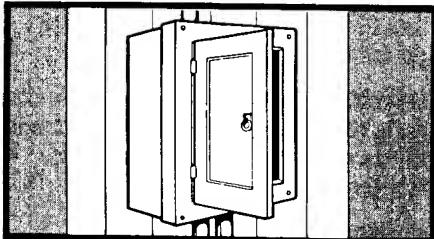
DO NOT use newspaper or other printed paper in the oven. Fire could result.

DO NOT dry flowers, fruit, herbs, wood, paper, gourds or clothes in the oven. Fire or other hazards may result.

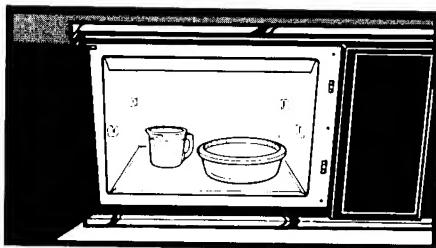


DO NOT try to melt paraffin wax in the oven. Fire or other hazards may result.

General information



If your electric power line voltage is less than the normal 120 volts, cooking times may be longer.



To test a dish for safe use, put it into the oven with a cup of water **beside** it. Cook on high Cook Power for one minute. **If the dish gets hot and water stays cool, do not use it.**

IF YOU NEED SERVICE OR ASSISTANCE

Follow These Steps

1. If your oven should fail to operate, check to be sure that a fuse has not blown or the circuit breaker is not open.

If nothing operates:

- Is the power supply cord plugged into a live circuit with the proper voltage? (See page 26.)
- Have you checked your home's main fuse or circuit breaker box?
- Have you checked the electric company for a power failure?

If the microwave oven will not run:

- Is the Timer set?
- Is the door firmly closed and latched?
- Did you touch START?
- Did you follow the directions exactly?

If the microwave cooking times seem too long:

- Is the electric supply to your home low or lower than normal? Your electric company can tell you if the line voltage is low.
- Is the Cook Power at the recommended setting?
- Are you allowing for more time when cooking more food at one time?

If the display shows a time counting down but the oven is not cooking:

- Is the Kitchen Timer in use?
- Is the oven door closed completely?
- Is the oven in standing time between AUTO DEFROST and COOK? (See page 15.)

If you do not hear a Programming Tone (page 7):

- Is the command correct?
- Has the tone been cancelled?

If the fan seems to be running slower than usual:

- Has the oven been stored in a cold area? The fan will run slower until the oven warms up to normal room temperature.

If there has been a power interruption, the Display will show 88:88. Reset the clock (page 8).

2. If the problem is not due to the above item, first call your dealer or repair service he recommends.
- All service should be handled locally by the dealer from whom you purchased the unit or an authorized KitchenAid servicer.

3. In the event you are unable to obtain the name of a local authorized KitchenAid servicer, call KitchenAid Customer Relations Department, TOLL FREE: 800-422-1230.

- A Customer Relations representative can recommend a qualified service company in your area.

If you must call or write, please provide: Model Number, Serial Number, Date of Purchase and a complete description of the problem.

Write to:

Customer Relations Department
KitchenAid, Inc.
P.O. Box 558
St. Joseph, MI 49085-0558

4. If you are not satisfied with the action taken, contact the Major Appliance Consumer Action Panel (MACAP). MACAP is a group of independent consumer experts that voices consumer views at the highest levels of the major appliance industry. Contact them only when the dealer, authorized servicer or KitchenAid, Inc., have failed to resolve your problem.

Major Appliance Consumer
Action Panel
20 North Wacker Drive
Chicago, IL 60606

MACAP will in turn inform us of your action.

KitchenAid®

1.3 CUBIC FOOT COUNTERTOP MICROWAVE OVEN WARRANTY

LENGTH OF WARRANTY:	KITCHENAID WILL PAY FOR:	KITCHENAID WILL NOT PAY FOR:
ONE YEAR FULL WARRANTY FROM DATE OF PURCHASE.	Replacement parts and repair labor to correct defects in materials or workmanship. Service must be provided by an authorized KitchenAid servicing outlet.	A. Service calls to: 1. Correct the installation of the microwave oven. 2. Instruct you how to use the microwave oven. 3. Replace house fuses or correct house wiring.
FIVE YEAR LIMITED WARRANTY ONE YEAR FULL PLUS SECOND THROUGH FIFTH YEAR LIMITED FROM DATE OF PURCHASE.	Replacement parts for solid state touch control system if found to be defective in materials or workmanship.	B. Repairs when microwave oven is used in other than normal home use. C. Damage resulting from accident, alteration, misuse, abuse, improper installation or installation not in accordance with local electrical codes. D. Any labor costs during the limited warranties. E. Replacement parts or repair labor costs for units operated outside the United States. F. Pickup and delivery. This product is designed to be repaired in the home.
TEN YEAR LIMITED WARRANTY ONE YEAR FULL PLUS SECOND THROUGH TENTH YEAR LIMITED FROM DATE OF PURCHASE.	Replacement magnetron tube if defective in materials or workmanship.	

KITCHENAID, INC. DOES NOT ASSUME ANY RESPONSIBILITY FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES. Some states do not allow the exclusion or limitation of incidental or consequential damages, so this exclusion or limitation may not apply to you.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

KitchenAid, Inc.
St. Joseph, Michigan, U.S.A. 49085